



IFW

AMENDMENT TRANSMITTAL LETTERDocket No.
SON-3173Application No.
10/584,994-Conf. #5930Filing Date
June 29, 2006Examiner
Not Yet AssignedArt Unit
2811

Applicant(s): Masaaki Bairo

Invention: BIPOLAR TRANSISTOR, SEMICONDUCTOR APPARATUS HAVING THE BIPOLAR TRANSISTOR, AND METHODS FOR MANUFACTURING THEM

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate		
Total Claims	8	- 20 =	0	x	50.00	0.00
Independent Claims	4	- 4 =	0	x	200.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>						
Other fee (please specify):						
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:						0.00

☒ Large Entity☐ Small Entity☒ No additional fee is required for this amendment.☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 18-0013
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.Dated: July 11, 2007Ronald P. Kananen
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Docket No.: SON-3173
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Masaaki Bairo

Application No.: 10/584,994

Confirmation No.: 5930

Filed: June 29, 2006

Art Unit: 2811

For: BIPOLAR TRANSISTOR, SEMICONDUCTOR Examiner: Not Yet Assigned
APPARATUS HAVING THE BIPOLAR
TRANSISTOR, AND METHODS FOR
MANUFACTURING THEM

FIRST PRELIMINARY AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Abstract begin on page 4 of this paper.

Amendments to the Drawings begin on page 5 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 6 of this paper.

An **Appendix** including amended drawing figures is attached following page 6 of this paper.